

USSR / Cultivated Plants. General Problems.

M-1

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58497

Author : ~~Serebryakov~~, F. I.

Inst : Not given

Title : State Field Protecting Forest Strips and the Yield of
Agricultural Crops

Orig Pub : S.-kh. Povolozh'ya, 1957, No 12, 26-28

Abstract : No abstract given

Card 1/1

BERMAN, L. (g.Moskva); KAPLAN, Ye.(g.Leningrad); SEREBRYAKOV, G.
(g.Leningrad)

Aid for the young automobile model constructors. Politekh.
obuch. no.9:89-91 S '59. (MIRA 12:12)
(Automobiles--Models)

MYASNIKOV, L.L. (Leningrad); MYASNIKOVA, Ye.N. (Leningrad);
SEREERYAKOV, G.A. (Leningrad)

"Tactile" transducer using surface ultrasonic waves. Akust.
zhur. 9 no.3:385 '63. (MIRA 16:8)

(Transducers) (Ultrasonic waves)

ACCESSION NR: AR4028477

S/0275/64/000/002/V021/V021

SOURCE: Referativny*y zhurnal. Elektronika i yeye primeneniye. Svodny*y tom, Abs. 2V134

AUTHOR: Myasnikova, Ye. I.; Serebryakov, G. A.

TITLE: Concerning the simulation of touch by means of surface ultrasonic waves

CITED SOURCE: Sb. tr. Leningr. mekhan. in-ta, no. 33, 1963, 43-47

TOPIC TAGS: ultrasonic, surface ultrasonic waves, simulation of touch, tactile analyzer, barium titanate pickup, pressure dependence

TRANSLATION: An ultrasonic model of a tactile analyzer is described. A grid of surface ultrasonic waves was produced at frequencies 0.8 and 2.5 Mc/sec with the aid of wedges made of polystyrene with barium-titanate piezoelements on a plate made of fused quartz, steel,

Card 1/2

ACCESSION NR: AR4028477

aluminum, or MA-3 alloy. The UZD-7N flaw detector was used as the receiving and transmitting unit. The pulse amplitude decreased if an object was located on the path of the surface waves, and depended on the pressure of the object against the surface of the plate. The dependence of the received pulse on the pressure of a rectangular object made of porous and solid rubber is presented. Some problems are considered in the theory of obtaining images and the transmitting ability of the model of the tactile analyzer. 3 illustrations. Bibliography, 3 titles. O. K.

DATE ACQ: 31Mar64

SUB CODE: SD

ENCL: 00

Card 2/2

SHARAPOV, N.I.; T. KHOMIROV, G.N.; SEREBRYAKOV, G.B.

Plant resources for the production of shellac in the U.S.S.R.
Rast. res. 1 no.1:66-73 '65. (MIRA 18:6)

1. Botanicheskiy institut im. V.I. Komarova AN SSSR, Leningrad.

SEREBRYAKOV, G.I., inzhener; CHIRIKOV, V .I.inzhener.

Automatic temperature regulator for raw water after preheating in
silica removal devices. Elek.sta. 28 no.1:77 Ja '57.

(MLRA 10:3)

(Boilers) (Automatic control)

SEREBRYAKOV, G. M.

ANOSOV, F.V., inzh.; GAMUS, I.M., inzh.; GARKAVI, Yu.Ye., inzh.; GOL'SHMAN, G.S., inzh.; YEVDOKIMOV, A.A., inzh.; YEREMEYEV, A.S., inzh.; ZHMUD', A.Ye., inzh.; KELAREVA, N.N., inzh.; KLOCHKOV, A.P., inzh.; LANG, A.G., inzh.; MENGEL', E.Ya., inzh.; MOROZOV, A.A., prof., doktor tekhn.nauk [deceased]; ~~SEREBRYAKOV, G.M.~~, inzh.; SMIRNOV, I.N., dotsent, kand.tekhn.nauk; SMIRNOV, M.I., dotsent; SHCHAVELEV, D.S., prof., doktor tekhn.nauk; SHCHERBINSKAYA, N.N., inzh.; KOVALEV, N.N., red.; MOZHEVITINOV, A.L., red.; ZABRODINA, A.A., tekhn.red.

[Turbine equipment of hydroelectric power stations: handbook on designing] Turbinnoe oborudovanie gidroelektrostantsii; rukovodstvo dlia proektirovaniia. Izd. 2., perer. i dop. Pod obshchei red. A.A. Morozova. Moskva, Gos. energ. izd-vo, 1958. 519 p. (MIRA 12:1)

1. Vsesoyuznyy institut "Gidroenergoprojekt," Leningradskoye otdeleniye.

(Hydraulic turbines)

KRYUCHKOV, K. N.; SEREBRYAKOV, G. N.

Modernized 1261P semiautomatic machine. Mashinostroitel'
no.10:11 0 '62. (MIRA 15:10)

(Machine tools—Technological innovations)

~~SEREBRYAKOV, G.P.~~
NESTERENKO, A.V.; SEREBRYAKOV, G.P.

Psychrometric diagram for platting processes occurring in air
conditioning. Trudy MTIPP no.8:96-109 '57. (MIRA 10:12)
(Air conditioning) (Hygrometry)

L 32908-65 EMT(m)/EWA(d)/EMT(t)/EMT(k)/EMT(b) PF-L MJW/JD/BA
 S/0133/64/000/012/1127/1128
 ACCESSION NR: AP5000561

AUTHOR: Korobka, B. A.; Ovchinnikova, V. I.; Smirnov, N. S.; Serebryakov,
 G. V.; Tih'k, V. T.

TITLE: Ultrasonic surface cleaning of hot-rolled transformer steel 4 37
 35
 8

SOURCE: Stal', no. 12, 1964, 1127-1128

TOPIC TAGS: ultrasonic surface cleaning, atmospheric corrosion, magnetostrict-
 ion generator, transformer steel

ABSTRACT: Annealed and pickled hot rolled sheets made of E41-E43 transformer
 steel display a tendency to form a silicon, aluminum, oxide, magnesium and cal-
 cium oxide surface film. An ultrasonic cleaning generator was designed by the
 authors with the help of the engineers A. G. Leskin, V. V. Mikhaylov, O. F.
 Biber, V. V. Morogov and V. A. Mitkevich and initially tested in 1961. An indus-
 trial 30 kW generator was installed in 1962 and it proved satisfactory in removing
 scale from 750 mm wide and 0.5 mm thick sheets fed at a rate of 22 m/min.

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L 32908-65

ACCESSION NR: AP5000561

2

However, the wet surface of the sheets is subject to rapid oxidation requiring an immediate protective coating. Furthermore, across the width of the sheets the surface cleaning lacks uniformity. Therefore, the authors suggest the development of 50 to 10000 kW generators and magnetostriction transformers having a uniform field of acoustical emission. Orig. art. has: 1 figure.

ASSOCIATION: Ural'skiy n. -i. institut chernykh metallov. (Urals Scientific Research Ferrous Metallurgy Institute); Verkh-Iset'skiy metallurgicheskiy zavod (Upper Iset' Metallurgical Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF SOV: 001

OTHER: 000

Card 2/2

KOROBKA, B.A.; OVCHINNIKOVA, V.I.; SMIRNOV, N.S.; SEREBRYAKOV, G.V.;
TIL'K, V.T.

Using ultrasonics for cleaning the surface of hot rolled
transformer steel. Stal' 24 no.12:1127-1128 D '64. (MIRA 18:2)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh
metallov i Verkh-Isetskiy metallurgicheskiy zavod.

SEREBYANOV I. I.

"Structure of Sheet and Meteorological Conditions. Uchenyye zap. Mosk. un-ta im.
Lomonosova (Scientific Memoirs, Moscow University Ideni Lomonosov) No 129, 1948 (57-70)

SO: U-3039, 11 Mar 1953

SEREBRYAKOV, I. G.

"Structure and Rhythm in the Life of Flowering Plants. I. Storage Organs, Position of the Flower on the Shoot, and the Time of Blossoming of Species," Byul. ,osk. Obshch. Ispytat. Prirody, Otel Biol., 53, No. 2, 1948.

SEREBRYAKOV, I. G.

"Structure and Rhythm in the Life of Flowering Plants II. Specialization of Flower-bearing Shoots, Buds and the Time of Blossoming," Byul. Mosk. Obshch. Ispytat. Prirody, Otdel Biol., 54, No. 1, 1949.

1. SEREBRYAKOV, I. G.
2. SSSR (600)
4. Oak
7. Material for studying geographical mutability of oak seedlings from semidesert areas to coniferous and broad-leaved forests.
Bot. zhur. 37 No. 6, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

SEREBYANOV, I. G.

"Problems of the Morphology of the Vegetative Organs of Angiosperms."
Dz Biol Sci, Moscow City Pedagogical Inst, Moscow, 1953. (RZhBiol, No 1,
Ser 54)

SO: Sum 432, 29 Mar 55

TAKHTADZHYAN, A.L.; SEREBRYAKOV, I.G., redaktor; GUBER, A., tekhnicheskii
redaktor.

[Origin of the angiosperms] Proiskhozhdenie pokrytosemennykh rastenii.
Moskva, Gos. izd-vo "Sovetskaya nauka," 1954. 95 p. (MLBA 7:11)
(Angiosperms)

SEREGBRYAKOV, I. G.

USSR/Biology - Botany

FD-1255

Card 1/1 : Pub. 129-17/25

Author : Alpatov, V. V.

Title : An original book on the morphology of plants.

Periodical : Vest. Mosk. un.; Ser. fizikomat. i yest. nauk, 9, No 1, 135-136,
Feb 54

Abstract : A favorable review of I. G. Serebryakov's book, The Morphology of
the Vegetative Organs of the Higher Plants, "Soviet Science", 1952.
The book is criticized for minor shortcomings in style, arrangement
and content, but is considered valuable for biologists and botanists.
The book deals mainly with the morphology and development of the stems,
not the leaves and roots, of the higher plants. No references are
cited.

Institution : --

Submitted : October 3, 1953

SEREBRYAKOV, I.G.

ALPATOV, V.V.; SEREBRYAKOV, I.G.

Original book on plant morphology ("Morphology of the vegetative organs of higher plants." I.G.Serebriakov. Reviewed by V.V.Alpatov). Vest. Mosk.un. 9 no.2:135-136 P '54. (MLRA 7:5)
(Botany--Morphology) (Serebriakov, I.G.)

SEREBRAYAKOV I. G.

IORDANSKAYA, N.N.; SEREBRAYAKOV, I.G.

Morphogenesis of a vital form of brushwood exemplified by the
warty spindle tree *Evonymus verrucosa* Scop. Bot. zhur. 39 no.5:
768-773 S-O '54. (MLRA 7:11)

1. Zvenigorodskaya biostantsiya Moskovskogo gosudarstvennogo
universiteta.
(Spindle tree)

SEREGBRYAKOV, I.G.

Morphogenesis of life forms of trees in forest varieties in the
central region of the European part of the U.S.S.R. Biul.MOIP
Otd.biol. 59 no.1:53-69 Ja-F '54. (MLRA 7:5)
(Trees) (Botany--Morphology)

SEREBRYAKOV, I.G.; DOMANSKAYA, N.P.; RODMAN, L.S.

Morphogenesis of life forms of shrubs exemplified by the filbert.
Biul.MOIP. Otd.biol. 59 no.2:57-70 Mr-Ap '54. (MERA 7:6)
(Filbert) (Botany--Morphology)

SEREYBRYAKOV, I.G.

Morphogenesis of natural spreading-shrub forms of the Turkestan
juniper and the savin. Biul.MOIP.Otd.biol. 59 no.5:41-51 S-0 '54.
(Juniper) (MLRA 8:1)

SEREBRYAKOV, I.G. (Moscow)

Phytomorphological problems at the Eight International Botanical
Congress in Paris in July 1954. Bot.zhur. 40 no.4:630-635 J1-Ag'55.
(Botany--Morphology) (MLRA 8:11)

SEREBRYAKOV, I.G. (Moskva)

"Using phenological observations in geobotanical studies."
I.N. Beideman. Reviewed by I.G. Serabriakov. Bot. zhur. 40 no. 5:
733-734 S-O '55. (MLRA 9:4)
(Phenology) (Phytogeography) (Beideman)

SEREGBRYAKOV, I.G.

Eighth International Botanical Congress, excursions in France and Africa.
Biol. MOIP. Otd. biol. 60 no.1:81-96 Ja-F '55. (MLRA 8:7)
(Botany--Congresses)

SEREBRYAKOV, I.G.; CHERNYSHEVA, M.B.

Morphogenesis of dwarf-type bilberries, cranberries, and certain swamp
Ericaceae. Biol. MOIP. Otd. biol. 60 no.2:65-77 Mr-Ap '55. (MIRA 8:7)
(Berries)

SEREERYAKOV, I.G.

Basic trends in the evolution of life forms of angiospermous
plants. Biul. MOIP. Otd. biol. 60 no.3:71-91 My-Je '55.
(Angiosperms) (MIRA 8:9)

KUPERMAN, Fanni Mikhaylovna; STANKOV, S.S., professor, otvetstvennyy redaktor;
SEREBRYAKOV, I.G., professor, redaktor; MIKHAYLOVA, T.A., tekhnicheskii redaktor

[Biological principles in wheat growing] Biologicheskie osnovy kul'tury pshenitsy. [Moskva] Izd-vo Moskovskogo univ. Vol.3. [Morpho-physiological methods of studying wheat species. Biological control of wheat plantations] Morfofiziologicheskie priemy issledovaniia vidov pshenitsy. Biologicheskii kontrol' za posevami pshenitsy. 1956. 279 p. (Wheat) (MLRA 9:11)

ALEKSANDROV, V.G., prof., red.; DVORYANKIN, F.A., prof., red.; KADEN, N.N.,
kand. biol. nauk, red.; KUPERMAN, F.M., prof., red.; L'VOVA, I.N.,
kand. biol.nauk, red.; PALAMARCHUK, I.A., kand.biol.nauk, red.;
PODDUBNAYA-ARNOL'DI, V.A., prof., red.; PRONIN, V.A., kand.biol.nauk,
red.; RZHANOVA, Ye.I., kand. biol.nauk, red.; ROSTOVTSEVA, Z.P., kand.
biol.nauk, red.; SEREBRYAKOV, I.G., prof., red.; USTINOVA, Ye.I., kand.
biol.nauk, red.; CHELYADINOVA, A.I., kand. biol.nauk, red.; YERMAKOV,
M.S., tekhn. red.

[Morphogenesis in plants; transactions dedicated to the 100th anniversary of the publication of Darwin's "Origin of species."] Morfogenez rastenii; trudy posveshchaiutsia 100-letiiu so dnia vykhoda v svet truda Charlza Darvina "Proiskhozhdeniye vidov." Moskva, Izd-vo Mosk. univ. Vol.1. 1961. 683 p. (MIRA 14:9)

1. Soveshchaniye po morfogenezu rasteniy, 1959.
(Botany--Morphology)

SEREBRYAKOV, I.G.

Rhythm of seasonal development in plants of the Polar Urals.

Biul.MOIP.Otd.biol. 67 no.3:65-81 My-Je '62.

(MIRA 15:11)

(Ural Mountains--Botany--Ecology)

SEREBRYAKOV, I.G.

Some data on the rhythm of the seasonal development of plants in
the lower Pyasina Valley. Biul. MOIP. Otd. biol. 68 no.2:77-90
Mr-Apr '63. (MIRA 17:2)

SEREBRYAKOV, I. G.

"Morphogenesis of the monocarpic shoots of herbaceous perennials in different plant-geographic zones of the USSR."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

State Pedagogical Inst, Moscow.

SEREBRYAKOV, I.G.

Comparative analysis of some characters of the seasonal development
rhythm in plants of different botanical and geographical zones of the
U.S.S.R. Biol. MOIP. Otd. biol. 69 no.5:62-75 S-O '64. (MIRA 17:11)

SEREBRYAKOV, I.G.; SEREBRYAKOVA, T.I.

Two types of rhizome forming in herbaceous perennials. Biul.
MOIP. Otd. biol. 70 no.2:67-81 Mr-Ap '65.

(MIRA 18:5)

LEBEDINSKIY, G.V.; SEREBRYAKOV, I.N.

Basic models for tractors of the 6-ton class. Trakt. i sel'khoz mash.
30 no.11:12-13 N '60. (MIRA 13:12)

(Tractors)

LEBEDEV, A.T., inzh.; LEBEDINSKIY, G.V., inzh.; SEREBRYAKOV, I.N., inzh.

Automation of the operations of a tractor with hydraulic-displacement transmission. Trakt. i sel'khoz mash. no.9:1-3 S '64.
(MIRA 17:11)

1. Khar'kovskiy traktorosbornochnyy zavod.

SEREBRYAKOV, I.N., inzh.; LEBEDEV, A.T., inzh.; ADOL'F, V.A., inzh.

Experimental automotive chassis with an automatic hydraulic
displacement drive. Mashinostroenie no.4:94-95 J1-Ag '64.
(MIRA 17:10)

ULEZKO, Yu.S.; SEREBRYAKOV, I.U.; GROMOV, P.A.

Bucket for scraper equipment. Gor.zhur. no.10:76 0 '64.

(MIRA 18:1)

ZAR'YAN, Nairi; SEREBRYAKOV, K.[translator]

[There the cherry blossomed; Japanese sketches. Translated
from the Armenian] Tam tsvela vishnia; iaponskie ocherki.
Moskva, Sovetskii pisatel', 1965. 183 p. (MIRA 18:10)

DOZHDIKOV, Boris Vladimirovich; SEREBRYAKOV, Kirill Borisovich;
TARASOVA, K.A., red.; YUNISOVA, M.I., tekhn. red.

[Hydraulic systems of tractors and SK-3 combines] Gidro-
sistemy traktorov i kombaina SK-3. Gor'kii, Gor'kovskoe
knizhnoe izd-vo, 1961. 101 p. (MIRA 15:4)

(Tractors) (Combines (Agricultural machinery))
(Hydraulic engineering--Equipment and supplies)

GURVICH, I.B., kand. tekhn. nauk; BOBKOV, Yu.K.; SEREBRYAKOV, K.B.

Improving the stability indices of automobile engines. Avt.prom.
no.9:6-8 S '61. (MIRA 14:9)

1. Gor'kovskiy avtozavod.
(Automobiles--Engines)

ZUYEV, V.P.; GILYAZETDINOV, L.P.; GYUL'MISARYAN, T.G.; BERNSHTEYN, I.D.;
SAULINA, V.V.; MAGARIL, R.Z.; SEREBRYAKOV, K.F.; BOPSHCHEV, B.S.

Extracts of catalytic gas oils as raw stock for the production
of furnace black. Khim. i tekhn. topl. i masel 9 no.12:6-11 D '64.
(MIRA 18:2)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti,
Omskiy nauchno-issledovatel'skiy konstruktorskogo-tehnologicheskoy
institut shinnoy promyshlennosti, Omskiy sazhevy zavod i
Kudinovskiy sazhevy zavod.

SEREBRYAKOV, K. M.

USSR /, Farm Animals. Rabbits.

U-7

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 7212b

Author : Serebryakov, K.M.

Title : Combination Cage for Rabbit Breeding

Orig Pub : Karakulevodstvo i zverovodstvo, 1956, No 6, 41-44

Abstract : No abstract.

Card : 1/1

- 42 -

KVAPIL', Aleksey Ivanovich, kand.sel'skokhoz.nauk; SEREERYAKOV,
Kapiton Mikhaylovich; BALAKIN, V.M., red.; LOGINOVA, Ye.I.,
tekhn.red.

[Organization of rabbit farms] Organizatsiia krolikoved-
cheskoi fermy. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1959.
39 p. (MIRA 14:2)

(Rabbits)

KVAPILEV, A.I., kand. sel'khoz. nauk; SEREBRYAKOV, K.M., nauchnyy sotrud.;
DEMINA, M.F., kand. biolog. nauk; ZUSMAN, N.S., kand. biolog. nauk;
LEPESHKIN, V.I., nauchnyy sotrud.; LEONTYUK, S.V., kand. veter. nauk;
GUSEV, S.A., kand. veter. nauk; DOBYCHINA, I.N., red.; PROKOF'YEVA,
L.N., tekhn. red.

[Rabbit raising] Krolikovodstvo. Moskva, Gos. izd-vo sel'khoz. lit-
ry, 1960. 311 p. (MIRA 14:9)

1. Sotrudniki Nauchno-issledovatel'skogo instituta pushnogo zvero-
vodstva i krolikovodstva (for all except Dobychina, Prokof'yeva).
(Rabbits)

KVAPIL', Aleksey Ivanovich; GUSEV, Boris Aleksandrovich; SEREBRYAKOV,
Kapiton Mikhaylovich; ZAGORSKIY, G., red.; KUZNETSOVA, A.,
tekhn. red.

[Advice for the rabbit grower] Sovety krolikovodu. Izd.2.,
ispr. i dop. Moskva, Mosk. rabochii, 1961. 134 p.

(MIRA 15:7)

(Rabbits)

MITROFANOV, V.S.; RUNOVA, M.F.; SEREBRYAKOV, L.A.

Experimental evaluation of toxic properties of the sodium salt
of γ -hydroxybutyric acid. Farm. i toks. 27 no.4:485-487 J1-Ag
'64. (MIRA 17:11)

1. Institut farmakologii i khimioterapii AMN SSSR i kafedra farmakologii (zav. - deystvitel'nyy chlen AMN SSSR prof. V.V. Zakusov)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

SEREBRYAKOV, L.A.

Combined effect of sodium γ -hydroxybutyric acid and narcotics.
Farm. i toks. 27 no.3:275-278 My-Je '64.

(MIRA 18:4)

L. Kafedra farmakologii (zav. - deystvitel'nyy chlen AMN SSSR
prof. V.V.Zakusov) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni Sechenova.

YEMUKHVARI, S.N.; SEREBRYAKOV, L.Kh.

Servicing privately owned cars. Gor. Khoz.Mosk. 29 no.10:25-27
0 '55. (MLRA 9:2)

(Moscow--Service stations)

SEREERYAKOV, L.P.

Simplification of estimated cost for geological prospecting
operations. Razved. i okh.nedr. 22 no.3:23-31 Mr '56.
(Prospecting) (MIRA 9:7)

~~SEREBRYAKOV, L.P.~~
SEREBRYAKOV, L.P.; VOLODCHENKO, K.G.; MOSTINSKIY, T.I.; PETROV, P.A.

Experience gained from consolidating drilling crews into a unified organization with payments based on group piece work. Razved. i okh. nedr 23 no.4:55-60 Ap '57. (MIRA 11:1)

1. Otdel ekonomiki geologo-razvedochnykh rabot Vsesoyuznogo nauchno-issledovatel'skogo instituta metrologii i standartizatsii.
(Boring) (Wages)

SEREBRYAKOV, L.P.; LYUBCHENKO, Ye.K., red.izd-va; IYERUSALIMSKAYA,
Ye.S., tekhn.red.

[Establishing norms for materials and supplies in geological organizations] Normirovanie proizvodstvennykh zapasov v geologicheskikh organizatsiyakh. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane neдр, 1960. 48 p.

(MIRA 14:4)

(Prospecting)

SEREBRYAKOV, L.P.; VOLODCHENKO, K.G.; MINASHKIN, M.A. Primali
uchastiye: TITOV, N.A.; PROSELKOV, N.L.; MINAYEV, I.Z.;
NIKOLAYEV, S.V.; SAMOYLOVA, V.F.; SIDOROVA, L.P.;
FOMIN, V.F., red. vypuska; BOBRYSEV, A.T., red. vypuska;
CHAPOVSKIY, Ye.G., red. vypuska; POSPELOVA, A.M., red. izd-
va; GUROVA, O.A., tekhn. red.

[Collection of unified district estimates for geological
prospecting] Sbornik edinykh poraionnykh edinichnykh ras-
tsenok na geologorazvedochnye raboty. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po geol. i okhrane neдр. No.2. [Hydro-
geology and geological engineering] Gidrogeologicheskie i
inzhenerno-geologicheskie raboty. 1960. 91 p. (MIRA 14:12)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany
neдр. 2. Ministerstvo geologii i okhrany neдр SSSR (for Titov,
Nikolayev).

(Prospecting)

SEREBRYAKOV, L.V., podpolkovnik meditsinskoy sluzhby; ALEKSANYAN, Z.S.,
mayor meditsinskoy sluzhby

Compound sanitary and disinfection treatment in eliminating disease
foci. Voen.-med.zhur. no.7:68-69 J1 '56. (MLRA 9:11)
(DISINFECTION AND DISINFECTANTS)

SEREBRYAKOV, L.V., DANILOV, I.A., DOBRUSIN, B.N. [deceased]

Role of the environment in the spread of dysentery in organized groups.
Azerb.med.zhur. no.7:117-120 J1 '58 (MIRA 11:8)
(DYSENTERY)

ARSLANOVA, A.Kh.; BELYAKOV, V.D.; BERGER, B.I.; VASIL'YEV, A.S.; GAVRILOV,
N.A.; GEL'MAN, L.I.; KALUGIN, V.P.; KOROSTELEV, V.Ye.; KRAMER,
I.I.; MIKHAYLOVSKIY, V.T.; ROGOZIN, I.I.; SEREBRYAKOV, L.V.

Combined vaccination with chemical and living vaccines. Voен.-med.
zhur. no. 1:78-80 Ja '60. (MIRA 14:2)
(VACCINATION)

SEREBRYAKOV, L.V., polkovnik meditsinskoy sluzhby

Military epidemiologist. Voen. med. zhur. no.10:8-9
0 '65. (MIRA 18:11)

KLETSKIN, G.I., kandidat tekhnicheskikh nauk; Serebryakov, M.I., dotsent,
kandidat tekhnicheskikh nauk.

Use of risers under gas pressure. Sbor.Inst.stali no.32:192-201
'54. (MLRA 10:5)

1.Kafedra liteynogo proizvodstva.
(Founding)

Serebryakov
KLETSKIN, G.I., kandidat tekhnicheskikh nauk; SEREBRYAKOV, M.I., dotsent,
kandidat tekhnicheskikh nauk.

Cupola melting of iron with basic slags. Sbor.Inst.stali no.32:236-256
'54. (MLRA 10:5)

1.Kafedra liteynogo proizvodstva.
(Cupola furnaces--Testing)

SEREBRYAKOV, M. I.

18 18
 Surface alloying of castings. A. M. Mikhailov and M. I. Serbryakov. *Litchnoe Proizvodstvo* 1957, No. 6, 18-22. A detailed study is given. Cores were coated with a mixt. of 60% FeCr with 6% C or with 75% FeMn with Bakelite as a binder, and placed in sand molds which were then cast with C 0.3-0.4, Mn 1.2-1.5, Si 0.2-0.4% steel at 1530-1580°. Finished castings were examd. spectroscopically for alloy distribution in the case, for the distribution of Fe^{II} added with the coating, and for hardness and microstructure of the case. Results are given in diagrams. The major defects observed were surface cavities and they can be eliminated, apparently, only when the m.p. of the alloy layer is higher or equal to the m.p. of the base metal. J. D. Gar-

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PHASE I BOOK EXPLOITATION

SOV/6313

Serebryakov, Mikhail Yevgen'yevich

Vnutrennyaya ballistika stvo'nykh sistem i porokhovykh raket (Interior Ballistics of Barrel Systems and Solid-Propellant Rockets). 3d. ed., rev. and enl. Moscow, Oborongiz, 1962. 703 p. Errata slip inserted. 5000 copies printed.

Reviewers: A. A. Dmitriyevskiy, Doctor of Technical Sciences, Professor, and V. F. Ustinov, Candidate of Technical Sciences, Docent; Scientific Ed.: A. G. Demusyak, Engineer; Ed. of Publishing House: P. B. Morozova; Tech. Ed.: I. I. Karpov; Managing Ed.: S. D. Krasil'nikov, Engineer.

PURPOSE: This textbook is intended for students in institutes of higher technical education. It may also be useful to scientific and engineering personnel concerned with artillery.

COVERAGE: This textbook describes new material obtained from investigations conducted over the last several years in the field of internal ballistics. Attention is given to the physical side of the

Card 1/17

~~SEREBRYAKOV, M.N.~~

Device for mechanized separation of paper candy cups. Khleb. i kond.
prom. 1 no.5:26-27 My '57. (MIRA 10:6)
(Confectionery--Equipment and supplies)

SEREBRYAKOV, M.N.

Apparatus for the pasteurization and sterilization of liquids
(French patent No. 1134583). Kons. i ov. prom. 14 no.4:45-46
Ap '59. (MIRA 12:5)

(France--Pasteurizers)

SEDERYAKOV, M. ^YM.

Author of a book entitled "Fizicheskiy Goreniya Vo Vnutrenney Ballistike" (Physical law of combustion in interior ballistics).

Soviet Source: P: Vooruzheniye No. 7 April 41, Moscow
Abstracted in USAF "Treasure Island", on file in Library of Congress,
Air Information Division,
Report No. 89927, Unclassified

SEREBRYAKOV, M. Ye.

Vnutrennyaya balistika (Interior Ballistics), by M. Ye. SEREBRYAKOV. Oborongiz (State Publishing House of the Defense Industry), 1949, 670 pages, price 19 rubles, 20 kopecks.

Advertised as a textbook for use in vuzes and vtuzes. Komsomol'skaya Pravda, Moscow, 10 Sep 54

SO: SUM 291, 2 Dec 1954

БЕТЕКХТИН, Сергей Александрович; ВИНТСКИЙ, Андрей Михайлович; ГОРОХОВ, Михаил Семенович; ФЕДOTOV, Иван Дмитриевич; СТАНИУКОВИЧ, Кирилл Петрович, доктор технических наук, проф., ред.; СЕРГЕЕВ М.Я., доктор техн.наук, проф., рецензент; ОРЛОВ, Б.В., проф., доктор техн.наук, рецензент; ТОЛОЧКОВ, А.А., доктор техн. наук, проф., рецензент; МАЛЫШЕВ, М.В., инженер, ред.; БОГОМОЛОВА, М.Ф., изд.ред.; ЗУДАКИН, И.М., техн.ред.

[Gas dynamic principles of interior ballistics] Gazodinamicheskie osnovy vnutrenney ballistiki. Pod obshchei red.K.P.Staniukovicha. Moskva, Gos.izd-vo obor.promyshl., 1957. 384 p. (MIRA 10:12)
(Ballistics, Interior)

SEREBRYAKOV, Mikhail Yevgen'yevich. Prinimali uchastiye: VOROB'YEV, P.A., kand. tekhn. nauk; SIROTINSKIY, V.F., kand. tekhn. nauk; YEGOROV, V.S., kand. tekhn. nauk; DMITRIYEVSKIY, A.A., doktor tekhn. nauk, prof., retsenzent; USTINOV, V.F., kand. tekhn. nauk, dots., retsenzent; DEMUSYAK, A.G., inzh., nauchnyy red.; MOROZOVA, P.B., red. izd-va; KARPOV, I.I., tekhn. red.

[Interior ballistics of barrel systems and powder rockets]
Vnutrenniaya ballistika stvol'nykh sistem i porokhovykh raket.
3. izd., dop. i perer. Moskva, Oborongiz, 1962. 703 p.

(MIRA 15:12)

(Ballistics, Interior)

PHASE I BOOK EXPLOITATION: JUN 20 1963 SOV/6313

Serebryakov, Mikhail Yevgen'yevich

Vnutrennyaya ballistika stvo'nykh sistem i porokhovykh raket (Interior Ballistics of Barrel Systems and Solid-Propellant Rockets). 3d. ed., rev. and enl. Moscow, Oborongiz, 1962. 703 p. Errata slip inserted. 5000 copies printed.

Reviewers: A. A. Dmitriyevskiy, Doctor of Technical Sciences, Professor, and V. F. Ustinov, Candidate of Technical Sciences, Docent; Scientific Ed.: A. G. Demusyak, Engineer; Ed. of Publishing House: P. B. Morozova; Tech. Ed.: I. I. Karpov; Managing Ed.: S. D. Krasil'nikov, Engineer.

PURPOSE: This textbook is intended for students in institutes of higher technical education. It may also be useful to scientific and engineering personnel concerned with artillery.

COVERAGE: This textbook describes new material obtained from investigations conducted over the last several years in the field of internal ballistics. Attention is given to the physical side of the processes considered; laws governing the burning of powder charges are analyzed in detail, along with processes taking place in gun barrels and in the combustion chambers of rockets.

SERE BRYAKOV, M. Z.

1/133 EXPERIMENTS ON INCREASING G/S PRODUCER OUTPUT WITH CHELYABINSK COAL 3
 Plobov, N.D., Gerts, E.N., and Serebryakov, M.Z. (Gaz. Prom. (Gas Ind., Moscow), 1957, (2), 5-9; abstr. in Chem. Abstr., 1957, vol. 22, 13358).
 Detailed description is given of a gas producer, using 4 ton/day of Chelyabinsk coal with 26.8% ash, having a gasification capacity of 240 kg/sq.m., and of the following measures to increase the capacity: automatization of loading; replacement of hand work with machines in coal grinding; introduction of a cone grate; decreasing of the maximum coal lump size from 50 to 45 mm; improvement of the sieve efficiency. Within 10 years of service, the capacity of the producer increased from 3 to 7.5 megacal/hour. (L). C.A.

GORNYKH, F.F.; SEREBRYAKOV, M.Z.

Effect of the structure of the lower part of a gas generator
upon the descent of slag. Gaz.prom. 5 no.3:18-19 Mr '60.
(MIRA 13:6)

(Gas producers)

SEREBRYAKOV, N., nachal'nik radiokluba (Barnaul).

We train radio operators for machine-tractor stations. Radio no.1:
11 Ja '55. (MLRA 8:3)

(Barnaul--Radio clubs)

Crop/Cultivation Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15499

Author : N. Serebryakov, N. Uspenskiy

Inst : -

Title : An Attempt at the Two-Stage Harvesting of Grain Crops
at the Bogorod Machine and Tractor Station.
(Opyt razdel'noy uborki khlebov v Bogorodskoy MYS).

Orig Pub : Mashino-trakt. stantsiya, 1957, No 6, 29-31

Abstract : No abstract.

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17

SEREBRYAKOV, N., inzhener-mayor

Engineer and the preliminary preparation. Av.i kosm. 44 no.4:
62-68 '62. (MIRA 15:4)
(Airplanes--Maintenance and repair)

Sov/93-58-7-15/17

AUTHOR: Serebryakov, N. and Smirnov, A.

TITLE: Ways of Improving the Exchange of the Latest Technical Information Among the Economic Regions (Puti uluchsheniya obmenomпередовым опытом между экономическими районами)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 7, pp. 66-69 (USSR)

ABSTRACT: A conference of specification and research organizations of the petroleum industry was held in Leningrad from the 16th through the 25th of April 1958. The conference was called by the Tsentral'noye byuro promyshlennykh normativov po trudu (Central Bureau of Industrial Labor Standards), the VNII Goskomiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoy platy (The Scientific Research Institute of the State Committee of the USSR Council of Ministers on Labor and Wages), and by the TsK profsoyuza rabochikh neftyanoy i khimicheskoy promyshlennosti (Central Committee of the Trade Union of Petroleum and Chemical Workers). The purpose of the conference was to develop methods and organizational principles for the study and dissemination of information on the most efficient production techniques and for the exchange of information on new production techniques developed by industrial innovators. The conference was attended by about 150 delegates from the normativno-issledovatel'skikh startsiy - NIS (specification and research stations) the MNP Azerb. SSR (Ministry of the Petroleum Industry of the Azerbaydzhan SSR), the administrations of the petroleum and gas industry, and from 15 Councils of the National Economy of five Union Republics. The greatest contributions to the study and dissemination of the latest technical information were made by the specification and

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Ways of Improving the Exchange of the Latest (Cont.)

Sov/93-58-7-15/17

research stations of the Kuybyshev Council of the National Economy, which included its administration No. 1 headed by Lepinskiy, the UNP of the Tatar Council of the National Economy headed by Ganich, the UNP of the Stalingrad Council of the National Economy headed by Skrotskiy, the UNP of the Bashkir Council of the National Economy headed by Khrennikov, the Turkmenneft' Association headed by Shimchishin, the Kazakhstanneft' Association headed by Pomazkov, and by the Ministry of the Petroleum Industry of the Azerbaydzhan SSR headed by Aliyev. The conference heard the following reports: "Ways of Improving the Method and Practice of Studying, Introducing and Drawing Conclusions From the Latest Technical Information of the Specification and Research Organizations of the Petroleum Industry", "Methods and Practice for Giving Instruction on Subsurface Repair at Special Training Wells and at Places of Work", "Method of Calculating the Economic Gains Derived From Training Instruction", and "The Study and Introduction of the Latest Techniques is an Important Factor in Meeting Technical Standards and in Increasing Labor Productivity". A delegate of the Bashneft' specification and research station reported on "Industrial Instruction and the Development of Technical Instruction Charts for Exploration Drilling". Sklovskiy of Giproneftemash and Agayev of VNIIET reported on the prospects for the production of new drilling equipment and the improvement of drilling technology. The conference arrived at a method for calculating

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Ways of Improving the Exchange of the Latest (Cont.)

Sov/93-58-7-15/17

economic gain and assigned the TsBPNT to verify this method in various oil regions. The delegates displayed great interest in the report on "The Practice of Quantity Publication of Leaflets of Local Importance" by L.P. Petrova who is heading a group of workers interested in efficient production methods at the specification and research station of Stalingradneft'.

Card 3/3 1. Technological intelligence--USSR

SEREBRYAKOV, N., SMIRNOV, A.

Introduction of norms and production instruction. Sots. trud
no. 7:76-81 J1 '58. (MIRA 11:8)
(Oil well drilling--Production standards)

22(1)

SOV/92-58-9-26/36

AUTHORS: Smirnov, A. and Serebryakov, N., Members of TsBPNT

TITLE: Technical Instructions Deserve More Attention (Bol'she
vnimaniya proizvodstvennomu instruktsii)

PERIODICAL: Naftyanik. 1958, Nr 9, pp 26-27 (USSR)

ABSTRACT: The authors state that technical instructions given by instructors of scientific research stations to workers on the job represent one method of indoctrination in advanced techniques and processes. In the beginning of 1958 there were 55 teams of instructors who trained over 460 drilling crews. While in 1954-1955 their program referred only to certain specific operations, now it comprises a whole range of various petroleum production operations. A technological chart developed by experts serves as a basis of the educational program for drillers. Instructions are given to drillers before operations are started, but instructors follow the execution of the assignment, and have to see that the drilling speed indicated in the technological chart is

Card 1/2

Technical Instructions Deserve More Attention SOV/92-58-9-26/36

attained. They also have to ascertain reasons why any annual drilling plan had not been fulfilled in time and have to make suggestions as to how drillers can attain their goal. As a result of the efforts of instructors' teams, various drilling offices of the Tatar, Bashkir, Turkmen and Chechen-Ingush Republics succeeded in breaking drilling records and in mastering the most advanced drilling techniques. Although teams of instructors are successfully training drilling crews, their efforts do not everywhere produce the expected results because in many cases the recommendations of instructors are not always followed by the management of certain drilling offices. Shortcomings resulting from this state of affairs should be eliminated and the situation improved.

ASSOCIATION: TsBPNT pri institute truda (The TsBPNT at the Labor Institute)

Card 2/2

KURASHEV, V.; SEREBRYAKOV, N.; SMIRNOV, A.

Influence of automatic processes in petroleum production
on the organization of labor. Sots.trud 4 no.8:48-53
Ag '59. (MIRA 13:1)
(Oil fields--Production methods)
(Automation)

KURASHEV, V.; SEREBRYAKOV, N.

Session of the normative and research organizations on labor
in the oil industry. Biul.nauch.inform.: trud i zar.plata no.5:
53-55 '59. (MIRA 12:6)
(Petroleum industry--Production standards)

SEREERYAKOV, N.; SMIRNOV, A.

Production instruction on establishing technical standards.
Sots. trud 7 no.10:81-85 0 '62. (MIRA 15:10)

(Petroleum workers—Education and training)
(Petroleum industry—Production standards)

SEREBRYAKOV, N.; KURASHEV, V.; SMIRNOV, A.

Present-day status and ways to improve the establishment
of work norms in petroleum production. Sots. trud 6 no.6:
63-69 Je '61. (MIRA 16:8)

SEREERYAKOV, N.B., kand.tekhn.nauk

Rated intensity of cleaning rapid sand filters. Trudy GISI no.25:
210-214 '56. (MIRA 11:5)
(Filters and filtration)

SEREBRYAKOV, Nikolay Borisovich; KRAVTSOV, G.Ya., doktor tekhn.
nauk, prof., ratsenent; PISHUNOV, P.I., doktor tekhn.
nauk, prof., ratsenent

[Design of water-supply purification plants] Proektiro-
vanie vodoprovodnykh ochistrykh sooruzhenii. Moskva,
Stroizdat, 1964. 130 p. (MIRA 18:1)

SEREBRYAKOV, N. G.

5

✓ Action of the γ -radiation of cobalt-60 on hydrophobic col-
loidal solutions. V. F. Oreshko, N. G. Serebryakov, and
E. K. Sakseyev. *Kolloid. Zhur.* 17, 270 (1955). Irradi-
ation with 8000-100,000 r. reduced the particle size of
dialyzed Au and Ag sols (e.g., from 13 to 4×10^{-4} cm.),
slightly increased their pH (by 0-0.32), and greatly in-
creased their stability (storage life for over 2 months as com-
pared with about 1 month for original sols.). The storage
life of neg. AgI sols. also was improved by irradiation, but
that of pos. AgI sols. was shortened. Irradiation produced
anions, and adsorption of anions caused longer life of neg.
sols. The adsorption was proved by a slight increase in
the electrophoretic mobility of Au sol particles after irradi-
ation.

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1955

SEREBRYAKOV N.G.

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✓ 649
EFFECTS OF Co^{60} γ RADIATION ON HYDROPHOBIC
COLLOID SOLUTIONS. V. F. Oreshko, N. G. Serebryakov,

and E. K. Sakseev. Kolloid. Zhur. 17, 679-86 (1955) Sept.-
Oct. (On Russian)

Co⁶⁰ γ -radiation effects on hydrophobic colloidal solutions
of gold and silver with negatively charged particles and
silver iodide with negatively and positively charged parti-
cles were investigated. The Co⁶⁰ γ radiation induced
coagulation of positive sols and increased the stability of
the negative sols. With Co⁶⁰ irradiation dispersion of
negative sols grows, especially with roughly dispersing
ones, and simultaneously the electro-kinetic potential
increases. (R. V. J.)

②
RMR

SERE BRYAKOV, N. G.

Protective colloid for radioactive gold. V. P. Orshkova and
N. G. Serbryakov. U.S.S.R. 106,667, Aug. 27, 1957. A
1% soln. of gelatin is irradiated with not less than 400,000
roentgen with rays from Co^{60} . The soln. is heated to 35-
40° and filtered, and the filtrate is used as a protective col-
loid for radioactive colloidal Au.

29

4541
4532
1-1000
M. Hoch

SERE-braykov, NG

Radioactive colloidal gold. V. P. Orshka and N. G. Serchbrakov. U.S.S.R. 167,248, Aug. 25, 1957. (Chloroaurous acid is mixed with a protective colloid soln. and to it is added a cooled seed soln. and ascorbic acid. The resulting colloidal suspension is dild. with distd. H₂O. The concn. of the ascorbic acid soln. is approx. 10 times greater than the concn. in the Au seed soln. A low-mol. fraction of irradiated gelatin is used as the protective colloid.

M. Hoch

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1-4E5d
1-2MA

pm pm

SEREBRYAKOV, H. G. and SAKSEYEV, Ye. K. (with the assistance of Technician M. D. Kozlova and M. A. Gracheva)

"Obtaining Radioactive Colloidal Gold for Therapeutic Purposes:"

Isotopes and Radiation in Chemistry, Collection of papers of
2nd All-Union Sci. Tech. Conf. on Use of Radioactive and Stable Isotopes and
Radiation in National Economy and Science, Moscow, Izd-vo AN SSSR, 1958, 380pp.

This volume published the reports of the Chemistry Section of the
2nd AU Sci Tech Conf on Use of Radioactive and Stable Isotopes and Radiation
in Science and the National Economy, sponsored by Acad Sci USSR and Main
Admin for Utilization of Atomic Energy under Council of Ministers USSR
Moscow 4-12 Apr 1957.

SOV/4887

PHASE I BOOK EXPLOITATION

Serebryakov, N. G., and M. A. Gracheva

Radioaktivnyye izotopy zolota - Au¹⁹⁸ i Au¹⁹⁹ (Radioactive Isotopes of Gold - Au¹⁹⁸ and Au¹⁹⁹) Moscow, Atomizdat, 1960. 18 p. 11,000 copies printed.

Ed.: G. M. Pchelintseva; Tech. Ed.: N. A. Vlasova.

PURPOSE: This booklet is intended for the general reader interested in problems of medical radiology and in the applications of tracers in the solution of scientific problems.

COVERAGE: The booklet explains methods of preparing the radioactive isotopes of gold Au¹⁹⁸ and Au¹⁹⁹ and also preparations and sources containing these isotopes. Their physicochemical characteristics and their applications are given. It is emphasized that the radiocolloids of gold have received especially wide application in medicine for the treatment of cancerous growths. The authors also discuss methods for the preparation of radioactive gold with and without the carrier, methods for the enrichment of radioactive gold atoms by neutron irradiation of

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SA RE BRYAKOV, N. G.

PHASE I BOOK EXPLOITATION SOV/4563

Metody polucheniya i izmereniya radioaktivnykh preparatov; sbornik statey (Methods for the Production and Measurement of Radioactive Preparations; Collection of Articles) Moscow, Atomizdat, 1960. 307 p. Errata slip inserted. 6,000 copies printed.

General Ed.: Valeriy Viktorovich Bochkarev; Ed.: M.A. Saguro;
Tech. Ed.: N.A. Vlasova.

PURPOSE: This collection of articles is intended for scientific and technical personnel working in the production of radioactive isotopes.

COVERAGE: The collection contains original studies on methods of obtaining and measuring radioactive preparations. According to the foreword, the articles contain new data, and are of theoretical or practical interest to the extent that they discuss methods or give process information. In addition to several survey articles the collection contains discussions on the production of radioactive isotopes and inorganic radioactive preparations, including a number of carrier-free isotopes and several colloidal and other therapeutic preparations. Also discussed are methods for prepar-

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Methods for the Production (Cont.)

SOV/4563

ing a number of tagged organic compounds, problems in the analysis of tagged organic compounds, the absolute and relative measurement of activity, and the radiometric analysis of preparations. New instruments and equipment are described and instructions concerning measurement methods and technique are included. V.I. Levin, Candidate of Chemical Sciences, V.P. Shishkov, Candidate of Technical Sciences, I.N. Bukharov, Candidate of Biological Sciences, and V.I. Shostak, Candidate of Chemical Sciences, are mentioned as having helped directly in the selection and preparation of the material for publication. References accompany each article.

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SEREBRYAKOV, N. G.

~~LATYSHEV, G. D.~~

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PHASE I BOOK EXPLOITATION SOV/5410

Tashkentskaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii, Tashkent, 1959.

Trudy (Transactions of the Tashkent Conference on the Peaceful Uses of Atomic Energy) v. 2. Tashkent, Izd-vo AN UzSSR, 1960. 449 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk Uzbekskoy SSR.

Responsible Ed.: S. V. Starodubtsev, Academician, Academy of Sciences Uzbek SSR. Editorial Board: A. A. Abdullayev, Candidate of Physics and Mathematics; D. M. Abdurazulov, Doctor of Medical Sciences; U. A. Arifov, Academician, Academy of Sciences Uzbek SSR; A. A. Borodulina, Candidate of Biological Sciences; V. N. Ivashev; G. S. Ikramova; A. Ye. Kiv; Ye. K. Lobanov, Candidate of Physics and Mathematics; A. I. Nikolayev, Candidate of Medical Sciences; D. Nishanov, Candidate of Chemical Sciences; A. S. Sadykov, Corresponding Member, Academy of Sciences USSR, Academician, Academy of Sciences Uzbek SSR; Yu. N. Talanin,

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174

Transactions of the Tashkent (Cont.)

SOV/5410

Candidate of Physics and Mathematics; Ya. Kh. Turakulov, Doctor of Biological Sciences. Ed.: R. I. Khamidov; Tech. Ed.: A. G. Babakhanova.

PURPOSE : The publication is intended for scientific workers and specialists employed in enterprises where radioactive isotopes and nuclear radiation are used for research in chemical, geological, and technological fields.

COVERAGE: This collection of 133 articles represents the second volume of the Transactions of the Tashkent Conference on the Peaceful Uses of Atomic Energy. The individual articles deal with a wide range of problems in the field of nuclear radiation, including: production and chemical analysis of radioactive isotopes; investigation of the kinetics of chemical reactions by means of isotopes; application of spectral analysis for the manufacturing of radioactive preparations; radioactive methods for determining the content of elements in the rocks; and an analysis of methods for obtaining pure substances. Certain

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